

From qrp-1@lehigh.edu Wed Aug 9 19:31:00 1995
From: RAINS@NKU.EDU
Subject: [2406] Baycom help again..
Message-ID: <01HTR57ZE480CHHTB1@NKU.EDU>

Hello all. I checked, and my ht needs 20-30k resistance, and the baycom only offers 3k. My question is should I just solder a 20k resistor inbetween mic and ground?

Justin AA9KM

From qrp-1@lehigh.edu Wed Aug 9 19:31:00 1995
From: scalawag@ids.net
Subject: [2410] Chuck Adams exposed!
Message-ID: <199508091734.NAA37553@nss1.CC.Lehigh.EDU>

re: 30m test

Ha, Chuck, you thought you could trick me by not posting to the list my private e-mail to you. I know your ways. You are more wiley than I first thought...give you credit for that. But, now I will beat you to the punch.

Fellow QRPers: this is what Chuck sent to me via private e-mail: "You don't have a chance home-boy. Your last message was extortion. I'll bury you. 30m is MY band. Go back to 75m AM." -- (or words to that effect.)

See what we are dealing with? Extortion? All I wanted to do was make a deal with him. What's a few grand to him...probably just pin money?

OK, Chuck....I've been lurking in the background long enuff. This is war! This will make David and Goliath look like a picnic, but it is time to push aside the old and bring in the new.

(By the way, like all VIPs, I need an agent/PR man. Anybody on the list willing to help take on the regime? I have connections. You will be taken care of.)

Well, time for my nap. (I'm retired but not dead yet. Actually, I'm feeling much better now, thanks.) Chuck has been saying how good the 30m props are late in the evening so I gotta quit going to bed with the Rhode Island Reds (those are chickens, fellas) and prepare to stay up later.

The King is dead. Long live the King!

(No wonder there have been a lot of recent posts asking how to unsubscribe from this list.)

72, Lee W5TEH in Rhode Island (It's not THAT good for 30m DX.)

Vernon L. Rosson
e-mail
LeeW5TEH@aol.com
or
SCALAWAG@ids.net

From qrp-1@lehigh.edu Wed Aug 9 19:31:00 1995
From: scalawag@ids.net
Subject: [2413] Chuck Adams exposed, II
Message-ID: <199508091813.0AA79416@nss1.CC.Lehigh.EDU>

gang:

Looks like my last posting was truncated. I been too busy working DX to figure this stuff out. Oh well, here is the rest for those of you who were anxiously awaiting.....

OK, Chuck....I've been lurking in the background long enuff. This is war! This will make David and Goliath look like a picnic, but it is time to push aside the old and bring in the new.

By the way, like all VIPs, I need an agent/PR man. Anybody on the list willing to help take on the regime?

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72, Lee W5TEH in Rhode Island

Vernon L. Rosson
e-mail
LeeW5TEH@aol.com
or
SCALAWAG@ids.net

From qrp-l@lehigh.edu Wed Aug 9 19:31:00 1995
From: Jim Eshleman <lujce@hooch.CC.Lehigh.EDU>
Subject: [2411] DAYTON-L
Message-ID: <95Aug9.135122edt.14522-2+19@hooch.CC.Lehigh.EDU>

Gang,

The DAYTON-L mailing list is ready to go. To subscribe, send the following command, in the body (not Subject:) of an e-mail, to listserv@Lehigh.EDU:

SUBSCRIBE DAYTON-L your_name your_call

where "your_name" is your full name, and "your_call" is your callsign, if any. You should receive the "welcome" file in short order. Please keep it for future reference. Note there is one minor difference between DAYTON-L and QRP-L: You must be subscribed to DAYTON-L to post to it.

Hopefully this arrangement will keep everyone happy. If it doesn't work, well, we tried. It does depend on everyone remembering to post Dayton related stuff to DAYTON-L, and if someone forgets and posts to QRP-L by mistake or ignorance (new subscribers) those not interested in Dayton stuff can remind them PRIVATELY.

Let the WX reports flow...

/jim

From qrp-1@lehigh.edu Wed Aug 9 19:31:00 1995
From: af514@detroit.freenet.org (Hank Kohl)
Subject: [2389] dit
Message-ID: <199508090259.WAA18198@detroit.freenet.org>

If we are running DOS or Windows and PKZIP or WINZIP Chucks
"dit dit" would be DIT.ZIP

If we are running Unix or Linux, and tar Chucks "dit dit" it
should be DIT.TAR But if we gzip it, it would be DIT.TGZ

However, if Chuck were to slip and send "didit" would it be-
come DI.ZIP/TAR/TGZ?

What if the QRN takes out one of the dits? Would that make
it _____.ZIP/TAR/TGZ?

Now if we use `cpio -ovBc chuck > /dev/rmt/c0d0v` and one of
the dits was lost, how much of the 150MB tape would be used?

Or is it as dark at night as it is in the country?

Is the TRUE definition of shareware the only real way (aside
from heat and/or humidity) to devalue, or render inoperational,
a perfectly good floppy disk?

73 Hank K8DD

--
/*
/* email af514@detroit.freenet.org
/* call k8dd hank port huron, mi
/*

From qrp-1@lehigh.edu Wed Aug 9 19:31:00 1995
From: burdick@interval.com (Wayne Burdick)
Subject: [2385] DXpedition (Not!)
Message-ID: <199508090126.SAA06730@interval.interval.com>

Not that I have a shred of a chance of taking a rig with me--however
small--on my honeymoon to Kauai, but if I can convince Lillian that it's
for "emergency communications" (snicker), listen for me from KH6 land!

I'll be back in touch, married, by August 26th. Looking forward to QRP A-Field.

73,

Wayne

N6KR

ex-bachelor in about 4 days

From qrp-1@lehigh.edu Wed Aug 9 19:31:00 1995

From: Don_Burns-EPUR01@email.mot.com

Subject: [2404] FW: Stainless Steel Antennas?

Message-ID: <"Macintosh */PRMD=MOT/ADMD=MOT/C=US/"@MHS>

>I have on hand many hundred feet of 304 stainless steel wire of about
>050 diameter. It looks like it will make nice light portable antennas.
>BUT, do I have to use a velocity other than .96? Will the small diameter
>cause problems with small bandwidth at 14.2 MHz? Will the copper in the
>coax solder to the SS wire OK?

Your 304 stainless should work just fine as a radiating element, Mark, but isn't it going to be just a bit difficult to work with? Kinda stiff? You will also have great difficulty soldering to it if it is true 304. So you will have to create a good mechanical/electrical connection at the feed point. Suggest soldering the copper coax to your mechanical connector (this could be some kind of lug arrangement) and then affixing the lug to the SS wire.

Don K4GHD

--

Don Burns	\	Motorola E-Mail: epur01
Motorola Inc.	\	Internet:epur01@email.mot.com
North American Radio Systems Divn	\	Voice: 305-723-5518
Plantation, FL U.S.A.	\	Fax: 305-723-4343

X.400: /c=us/admd=attmail/prmd=motorola/g=don/s=burns/ddt=id/ddv=epur01/

From qrp-1@lehigh.edu Wed Aug 9 19:31:00 1995

From: "M. Limtiaco" <limtiaco@u.washington.edu>

Subject: [2416] HD10 Keyer question

Message-ID: <Pine.A32.3.91j.950809121625.63024B-100000@homer03.u.washington.edu>

I picked up an ancient Heath HD10 keyer at a hamfest last year. It worked okay with my old HW101, but I'm not technically hip enough to figure out how to use it with my solid state QRP rigs. I have no manual or schematic for the thing. Does someone have any suggestions for me, or should I just get a new keyer?

Thanks/73s,

Matso Limtiaco N7DUB

From qrp-1@lehigh.edu Wed Aug 9 19:31:00 1995

From: Bing WB2SXXN <ADMINH10%CLVM.BITNET@CUNYVM.CUNY.EDU>

Subject: [2407] HW8 - Sold

Message-ID: <"omnigate.c.238:09.07.95.17.22.21"@clarkson.edu>

thanks guys - the HW8 has a new home - 73 - take care and tnx for the use of the bandwidth - de WB2SXXN

From qrp-1@lehigh.edu Wed Aug 9 19:31:00 1995

From: Bing - WB2SXXN <ADMINH10%CLVM.BITNET@CUNYVM.CUNY.EDU>

Subject: [2402] HW8 for sale

Message-ID: <"omnigate.c.037:09.07.95.15.37.14"@clarkson.edu>

HW8 with manual for sale - cosmetically fair - electronicly great - vfo cap is a good one - \$85 shipped

WB2SXXN

Bing Huckle

PO BX 132

Hannawa Falls, NY 13647 - home 315 265 9535 - work 315 268 3867

adminh10@clvm.clarkson.edu

From qrp-1@lehigh.edu Wed Aug 9 19:31:00 1995

From: msdooley@collie.aud.alcatel.com (Michael S. Dooley)

Subject: [2393] increased RX level after keying TX

Message-ID: <9508091129.AA23753@collie.aud.alcatel.com>

Al,

Soounds like a bad connection somewhere in the antenna/RX path. Depending on the type antenna and connections you have, I'd look for a cold solder joint or corroded connection somewhere. Sounds like the bad spot is open (hence

low RX level) then when you key the current from your transmitter causes the bad spot to make good contact. The phone company uses something similar to this on its wire circuits (not all) called "sealing current". They leave a voltage on an audio circuit with just a little current which keeps the connections good out there. Hope this helps.

Mike KE4PC

From qrp-l@lehigh.edu Wed Aug 9 19:31:00 1995
From: Paul Harden <pharden@aoc.nrao.edu>
Subject: [2419] MORE Regen RX info
Message-ID: <199508092012.0AA01123@zia.aoc.nrao.edu>

Just got off the phone with the designer of the regen receiver, Charles Kitchin ... who turns out to be none other than N1TEV. He's one of us! He's a real home-brew hacker and in fact has had several receiver circuits published in professional and amateur publications. He said one of his circuits is in the 1995 Radio Amateurs Handbook, the "Beginners Regenerative Receiver." He's sending me several other circuits he's done over the years we might find interesting. He has given me permission to share these circuits over qrp-l and the various journals.

He said he had submitted an article to EDN magazine on sensitive accelerometers (what he does at Analog-Devices) and submitted the regenerative receiver circuit as a joke. EDN decided it was time for a "fun" project and published it ... and so far, EDN has had more response from that article than almost anything in recent times. It has since been republished in several languages.

He also said the reason he used 2N2222's for the audio amp rather than an LM386 in the published article is it wouldn't look very good since he works for Analog-Devices to use National chips! (I understand that). He highly recommends the LM386 mod. He also said the biggest problem builders have getting the thing working is building it in a metal enclosure. The Q of the handwound coil has to be as high as possible for it to oscillate, and a metal enclosure or cover over the components drastically lowers the Q (unless you use toroids I would guess). So the old 1920 approach of building it on a piece of wood is probably the best.

He said he has an idea to use the oscillator in the regenerative detector, buffer it with a high transconductance amp, another couple of transistors and you'd have a 1W QRP transceiver. I told him to whomp one out ASAP and send me the circuit. The Pixie 3?

At this rate, we'll back to a crystal set by the end of summer.

I'll still try to build another one this weekend using Radio Shack parts and make a parts list, also DigiKey parts. I'll have this info ready to distribute next week. I'll also make it available to the various QRP journals since I have received over 30 emails so far wanting the circuit and parts list.

Paul NA5N

From qrp-1@lehigh.edu Wed Aug 9 19:31:00 1995
From: "michael (w.m.) babineau" <babineau@bnr.ca>
Subject: [2384] Need 40m crystals for Pixie 2
Message-ID: <"24272 Tue Aug 8 18:44:19 1995"@bnr.ca>

Hi :

Someone posted a note a few weeks back that they were selling crystals for 40m (7.040Mhz I believe). Could whoever that was contact me directly at babineau@bnr.ca. I'm interested in building a Pixie or 2 and would like to put it/them on 7.040.

Michael

VE3WMB

From qrp-1@lehigh.edu Wed Aug 9 19:31:00 1995
From: Mark D Jarmuz <jarmuz@acsu.buffalo.edu>
Subject: [2405] qso w/k5fo.....
Message-ID: <Pine.SOL.3.91.950809115941.16374B-100000@autarch.acsu.buffalo.edu>

hi gang...
jusu want to to throw my 2cents in and help my buddy chuck out and tell everybody on line here that k5fo indeed did work S.D.....
by the way chuck i worked you last nite with 900mw...i am now a confirmed beliver in 1watt or less you also worked my other good buddy here in buffalo who is not on the i-net aa2wj(dick)...dick and i are calling ourselves the buffalo connection here.....hope to work more of you guys on 30m soon...73sand 72s....

dave AA2Pf(alias PETER FOX)...n

From qrp-1@lehigh.edu Wed Aug 9 19:31:00 1995
From: swgate3!STLMAIL7!MK2331@wuarchive.wustl.edu
Subject: [2394] Regen rcvr's
Message-ID: <m0sgA1S-0000mTC@swgate3>

Microsoft Mail v3.0 IPM.Microsoft Mail.Note
From: KASTIGAR, MATTHEW (MM)
Subject: Regen rcvr's
From qrp-1@lehigh.edu Wed Aug 9 19:31:00 1995
From: Peter Kozup <PKOZUP@KENTVM.KENT.EDU>
Subject: [2420] Reviews of QRP transceivers
Message-ID: <199508092057.QAA27913@nss1.CC.Lehigh.EDU>

As a brandnew list subscriber, and fairly new to QRP work on a serious basis, I wonder if anyone out there is able to direct me to some reviews of QRP transceiver kits. I am looking for transceivers that might be usable QRP mobile or as a base station, or, preferably, both. I hope that I can find some that are multi-band, and which will not set me back an arm and a leg money-wise. I do remember reading a comparison review of about four or five such rigs fairly recently, but can not for the life of me locate the article, or even remember where I read it. If anyone is able to assist me, I will be greatly appreciative
73, Pete K80UA

From qrp-1@lehigh.edu Wed Aug 9 19:31:00 1995
From: N5EM@aol.com
Subject: [2382] RTV alias Silicon Sealant
Message-ID: <950808204200_50844830@aol.com>

Gang,

How embarassing. 30+ years a ham, am. extra, and I didn't know about corrosive RTV. Guess I got lucky all these years smearing it onto connectors and potting toroids. Guess I never actually got it on the bare wire. It always did tast terrible when I got it on my hands.

So, today I went to the ultimate radio parts store. (Now I know I told you about City Electronic Supply in Houston before :^|)

Found:

Innerbond C-955 Clear Electrical Sealant

On the tube is says "Innerbond C-955 is a one-component, ready-to-use, non-slumping silicone adhesive/sealant that cures to a tough, rubbery solid when exposed to moisture in the air. It is non-acetic, non-corosive general purpose sealant. C-955 is specifically designed for corrosion-sensitive

electrical and electronic equipment".

Clearly, one must have a "non-slumping" sealant!

This stuff is distributed by:

Inland Packaging, Inc.
P.O. Box 644 (42702)
209 Peterson Drive
Elizabethtown, KY 42701

Phone: (502) 737-6757 KY
(800) 626-4403 Outside KY

It can be ordered from City Electronic Supply (713) 663-6066

Cost is \$ 5.75 for a 2.8 oz. tube (about 6 inches long x 1.5 inches dia.)

Shipping for one tube would be about \$4 but that would probably cover the shipment of several tubes if a group got together and ordered them. The distributor would probably only ship a case quantity and who knows what kind of minimum order.

So there. Now you know what to look for and if you absolutely cannot find it anywhere, a place to order it. What more can you ask for? A free tube? Get a life.

72
Ed Manuel, N5EM
n5em@aol.com

From qrp-1@lehigh.edu Wed Aug 9 19:31:00 1995
From: geoffs@onr.com (Geoff Schecht)
Subject: [2409] RTV and other goop
Message-ID: <199508091727.MAA19262@Sierra.onr.com>

Has anyone tried calling the Anderson Company in Phoenix about RTV? I used to buy official Dow-Corning RTV's like 3130 (runny) and 3140 (thixotropic) from them when I was a design engineer at Garrett in Tucson. These two compounds are Mil-approved and 100% compatible with electronic devices. Dow-Corning makes a bunch of other varieties as well, including 2-component potting compounds that are great for thermal/mechanical/conformal isolation of something like, say, a VFO

circuit.

Buying that "Innerbond" stuff may be a good idea in a pinch but there are a number of other compounds out there that are *fresh*, manufacturer-direct (like Dow-Corning) and are specifically approved for use on electronic devices by NATO or DoD. Some of the newer, non-acidic GE "Silicone II" bathtub sealants that you can get in a BIG caulkgun tube for under \$5 at K-Mart may indeed be acceptable for electronic applications in non-Mil environments. All it takes is a piece of litmus paper and about 30 seconds of your time to find out its ph and save \$\$\$.

I suspect that "Innerbond", like "Krazy Glue", is just a repackaged inexpensive commercial product (highly marked-up) that's more-or-less useable in many applications. It's always a good idea to go with an original like Dow-Corning when possible, I don't remember 3100 series products being expensive and they really did the job with never a peep of trouble.

I've got a lot of experience using conformal and potting compounds in electronics. E-mail me if you'd like more info.

Geoff NQ7A Austin

From qrp-1@lehigh.edu Wed Aug 9 19:31:00 1995
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [2387] SD on 30M
Message-ID: <199508090219.VAA09478@chuck.dallas.sgi.com>

Just in case. 0219Z 8/9/95 on 10.109. Let me have hime first.

W0SDK in SD. neat.

dit dit

--

Chuck Adams K5FO CP-60 adams@sgi.com

From qrp-1@lehigh.edu Wed Aug 9 19:31:00 1995
From: John Evans <jaevans@acatst01.cos.cst.titan.com>
Subject: [2398] Sierra Discount Prices from Wilderness Radio
Message-ID: <199508091357.JAA72583@nss1.CC.Lehigh.EDU>

Hi Y'all,

I noticed on the web qrp-l web page that Wilderness Radio is offering a discount for prepaid orders before 1 Sep. The page goes on to show the list price for the radio. Does anyone know what the discount prepaid price is?? If not, I will call Bob.

72

john, n3qoo

John A. Evans Chief System Administrator
Office: (719) 528-1800 x164 Titan Client/Server Technologies
Fax: (719) 528-1275 1115 Elkton Dr, Suite 200
email: jaevans@cos.cst.titan.com Colorado Springs, CO 80907-3535

From qrp-l@lehigh.edu Wed Aug 9 19:31:00 1995
From: MSADAMS@ubvms.cc.buffalo.edu
Subject: [2400] Stainless Steel Antennas?
Message-ID: <Pine.3.89.9508091023.A539013360-01000000@ubvms.cc.buffalo.edu>

I am ready to use my new MFJ 9420 SSB rig at my two favorite portable locations and need to make an antenna. I have decided on phased sloping dipoles (from hintsw and kinks about 12 years ago).

I have on hand many hundred feet of 304 stainless steel wire of about 050 diameter. It looks like it will make nice light portable antennas. BUT, do I have to use a velocity other than .96? Will the small diameter cause problems with small bandwidth at 14.2 MHz? Will the copper in the coax solder to the SS wire OK?

Any help will be appreciated.

72, Mark Adams

From qrp-l@lehigh.edu Wed Aug 9 19:31:00 1995
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [2392] tar and feathers
Message-ID: <199508090421.XAA09635@chuck.dallas.sgi.com>

Here here gang. "dit dit" is copyrighted by K5F0. :-)

While you guys are taring and compressing and zipping me around on this email stuff, I have been on 30M kicking butt big time.

Just after working SD and thinking that the band is dead I am passing out new states to a lot of people. Worked Glen, K5UP in OK, W6ZH Herb Hoover III in CA, and a bunch of people you are just going to have to wait to read about in the last posting..... :-)

Go ahead --- make my day. ;-)

Bob White, W03B, is welcome to surrender at any time. He fought the good fight, but being centrally located in the Continental USofA does have it rewards even if it is very very hot weatherwise down here. I see where New England is having nice cool weather. Congrats. You can send some down here when you get tired of it.

Jim E. is starting up a new mail group for Dayton '96. So we will be taking the wx reports for OH to there. Paula has been nominated and voted by acclamation as the MC for the Dayton doings. Congratulations to Paula.

Couple of points so that everyone will know where we are on Dayton. You need to be making advance registrations and reservations with Myron Koyle, N8DHT, 1101 Miles Ave SW, Canton, OH 44710 as per the QQ. Send him your Name, Call, number of people in your party and if you are looking for a roommate and the dates you want. Looks like Paula is going to have Thursday all day for the QRPers to meet and convention type presentations and all that stuff. :-) DON'T put this off. 1996 is a big year for QRPers in Dayton. Several hundred or more to be there.

Second point. I would like to do a booklet for everyone going to Dayton in Jan or Feb timeframe. Plan is to print in same format size as QRPP, SPRAT, etc. and have four people to a page. Small photo and bio. What you think? Just another idea from the K5F0 workbench.

OK, back to regularly scheduled programming.

30M is alive and well in TX :-)

dit dit (copyrighted :-)

--

Chuck Adams K5FO CP-60 adams@sgi.com

From qrp-1@lehigh.edu Wed Aug 9 19:31:00 1995
From: RAINS@NKU.EDU
Subject: [2408] update on Baycom problems..
Message-ID: <01HTR61BCM36CHHTFP@NKU.EDU>

Ok, I tried two 10k resistors in series between the yellow and red line like the booklet said, and still no transmit. I checked the scc.ini file to make sure it was set up on com2, and it was. I also removed the shunt from in back of the unit as it said to. is there any way I can check to see if there is even anything getting out of the modem?

Justin

From qrp-1@lehigh.edu Wed Aug 9 19:31:00 1995
From: PDouglas12@aol.com
Subject: [2383] w1aw visit
Message-ID: <950808204237_50845308@aol.com>

Hi guys,

I am stuck here in Hartford, Conn with an unexpected day off tomorrow. Terminal boredom is already starting up. I didn't expect to need a portable rig! I was thinking of visiting the ARRL. If I make it over there, I will go over to the W1AW station. Listen for me if you are around tomorrow. I assume they still have CW over there. 30meters first, if it is open. Also, any guys around who want to come over there or whatever, give me a shout here on the list.
Preston WJ2V

From qrp-1@lehigh.edu Wed Aug 9 19:31:00 1995
From: KT3A@aol.com
Subject: [2379] What is a milliwatter?
Message-ID: <950808193702_133678705@aol.com>

KT3A's Dictionary Definition:

A person who loves a challenge and builds teeny, tiny, radios that consume more power in the sidetone circuit than they do in the final output stage.

Sorry, I just had to share this....:^) I can't wait to see replies from Rich and Mike C.

From qrp-1@lehigh.edu Wed Aug 9 19:31:00 1995
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [2388] W03B es 30M
Message-ID: <199508090248.VAA09492@chuck.dallas.sgi.com>

Bob, W03B, is trying every trick in the book to get me off of 30M. This morning I picked up a package at the Post Office where I live :-)) and there was rig for 40M. Sorry I can't tell which one, but one that I will use to review with the others on 40M. I figure it as another ploy on Sneaky Bob's list of tricks to knock me down and knock me down good.

I held on for another 15 mins and I got the SD station on 30M! He was long winded with a W3, but I didn't mind. Lots of time I've spent time just listening waiting for the opportune time to jump in and get a dit in edgewise. Right after that AA2PF/QRP called me, tn timer Dave. He can be my witness that I indeedy work the critter.

Won't tell until the 27th just how many new states I picked up in two days but let me say I just may be in the lead at this time. Oh the thrill of victory is so sweet. Just hope that Bob doesn't really knock me down with one of those monster punches of his. The kid is good.

Hopefully the big guy in TX is having a lot of good luck. I'd rather be lucky than good any day of the week. :-))

OK, back to serious work on 30M.

Film at 11.

dit dit

--

Chuck Adams K5FO CP-60 adams@sgi.com

From qrp-1@lehigh.edu Wed Aug 9 19:31:00 1995
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [2414] Re: Chuck Adams exposed!
Message-ID: <199508091825.NAA10779@chuck.dallas.sgi.com>

OK gang, it's a free-for-all now!!!

I know Lee from when he was down in TX for HamCom in June. It wasn't even warm then Lee and I'll let you know that today we are preparing a special shipment of hot air in your direction, although I suspect now you took some back with you. :-)

Lee was bragging on 30M to me in private email. HA!!! Using the Atlantic Ocean for a Fresnel Reflector does not count and using 4.8W to boot is just too much!! David and Goliath huh? Hand me that flat river rock over there just to your right. Yeah, that's the one. Let's see how working all that DX works here. :-) No wonder RI is rare for the QRPers. He's out working DX only. Shame shame on you Lee. Letting that info out in public won't win you any friends here. :-) Well, maybe one or two. Now we know why RI is probably up there in the top five most wanted states behind AK and few others.

Now it's getting interesting. As they say on TV -- "Come on Down!".

I need RI on 30M, but now if you're my only choice I don't know if I need it that bad, but tell you what. If you call me on 30M I will work you 'cuz my fellow TX'ns won't work you now. :-) ;-) You'll need it anyway to come in third.

:-)

dit dit dit (one more for the road)

--
Chuck Adams K5FO CP-60 adams@sgi.com

From qrp-1@lehigh.edu Wed Aug 9 19:31:00 1995
From: rgobrick@public.compusult.nf.ca (Robert J. Gobrick)
Subject: [2395] Re: dit
Message-ID: <199508091308.KAA03336@public.compusult.nf.ca>

Karl K8DD,

How come you don't sign your call the French way "de de" to match your call??

Nooo, curious eyes DON'T want to know :^)

73/72 Bob VO1DRB/WA6ERB (di de - bilingual Canadian expat)

PS: And for you avid QRPers who are concerned that the QRP-L is going to the dogs with the above drive1 just lighten up for the summer while the qrp gang has some fun... makes for good "qrp bonding" (California term).

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| Bob Gobrick VO1DRB/WA6ERB/VE2DRB Newfoundland, Canada |
| QRPer Galore - QRP ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP |
| Internet:      bgobrick@terra.nlnet.nf.ca |
|                rgobrick@public.compuserve.nf.ca |
| Compuserve:    70466.1405@compuserve.com |
|-----
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From qrp-l@lehigh.edu Wed Aug 9 19:31:00 1995
From: John Evans <jaevans@acatst01.cos.cst.titan.com>
Subject: [2396] Re: dit
Message-ID: <199508091328.JAA71568@nss1.CC.Lehigh.EDU>

> PS: And for you avid QRPers who are concerned that the QRP-L is going to
> the dogs with the above drive1 just lighten up for the summer while the qrp
> gang has some fun... makes for good "qrp bonding" (California term).

Sorry, QRP bonding must be done with non-corrosive RTV &^)

72
john
n3qoo

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John A. Evans                Chief System Administrator
Office: (719) 528-1800 x164   Titan Client/Server Technologies
Fax:     (719) 528-1275      1115 Elkton Dr, Suite 200
email:   jaevans@cos.cst.titan.com Colorado Springs, CO 80907-3535
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From qrp-l@lehigh.edu Wed Aug 9 19:31:00 1995
From: JCoote@aol.com

Subject: [2401] Re: LF Beacon INfo?
Message-ID: <950809112236_51211224@aol.com>

I would like the info on a LF or LF experimenter site also. I wonder if the beacons mentioned are the navigation "NDB" type in the 190-450 kHz band or "Lowfers"... (Low Frequency Experimenters)? Lowfers are an interesting lot. They are limited to a 1-watt DC input and a 50 foot antenna, also the transmitter must be at the antenna feedpoint (feeders detract from antenna length). Lowfers use the 160-190 kHz band but many stick to above 170-175 kHz to avoid packet-like interference from government Ground Wave Emergency Network stations.

73, Jay
WB6AAM

From qrp-1@lehigh.edu Wed Aug 9 19:31:00 1995
From: Harry_Chase@smtpgw.windata.com (Harry Chase)
Subject: [2412] Re: LF Beacon INfo?
Message-ID: <9507098080.AA808001267@smtpgw.windata.com>

I am also interested in info, any listservers, etc, for "lowfers" activity.

Harry
WA1VXH

From qrp-1@lehigh.edu Wed Aug 9 19:31:00 1995
From: "David D. Meacham" <ddm@datatamers.com>
Subject: [2417] Re: Need 40m crystals for Pixie 2
Message-ID: <Pine.LNX.3.91.950809121256.9851A-100000@dt1.datatamers.com>

Michael,
Contact Doug Hendricks at: dh@deneb.csustan.edu
72, Dave, W6EMD

On Tue, 8 Aug 1995, michael (w.m.) babineau wrote:

> Hi :
>
> Someone posted a note a few weeks back that they were selling crystals for
> 40m (7.040Mhz I believe). Could whoever that was contact me directly
> at babineau@bnr.ca. I'm interested in building a Pixie or 2 and would like
> to put it/them on 7.040.

>
> Michael
>
> VE3WMB
>
>

From qrp-1@lehigh.edu Wed Aug 9 19:31:00 1995
From: JCoote@aol.com
Subject: [2386] Re: Need help w/ baycom
Message-ID: <950808221007_50910330@aol.com>

Check the isolation or blocking circuit in your PTT-Mic line. On many HTs mic audio and PTT share a common line so it is necessary to isolate mic audio with a capacitor in series. Some TNC-to-HT hookups may also require a resistance in series with the PTT so the PTT won't load down the mic audio.

73, Jay
WB6AAM
@K6VE.#SOCA.CA.USA.NA

From qrp-1@lehigh.edu Wed Aug 9 19:31:00 1995
From: Monte Stark <ku7y@sage.dri.edu>
Subject: [2380] Re: QRP ARCI Numbers
Message-ID: <Pine.SUN.3.90.950808135426.4295B-100000@vortex>

On Tue, 8 Aug 1995, Peter Hardie wrote:

> On Tue, 8 Aug 1995, Paul Harden wrote:
>
> > Pete,
> > I have had great sport picking on Chucks "dit dit" on my sigs, but
> > your compression scheme to "dit" I think is the best I've seen yet.
>
> I'm now working on a revolutionary compression technique which will
> reduce "dit dit" to the silence between the two dits.
>
> 73 de Pete
>

Geeeeessssh Pete,

That can't work. You have to send the first dit before you get to the silence that is between them.

Compression inventing rule #1.....ALLWAYS use the leading silence....

: -)

73, Ron,

From qrp-1@lehigh.edu Wed Aug 9 19:31:00 1995
From: rgobrick@public.compuserve.com (Robert J. Gobrick)
Subject: [2381] Re: Regenerative Rx
Message-ID: <199508082353.VAA24771@public.compuserve.com>

Paul,

Geeez I've heard of getting back to basics but things must be slooow in your building efforts to revert to building a regen... Now let me see you said it took three transistors.....

73/72 Bob VO1DRB/WA6ERB

>

But a couple of months ago I built a 3 transistor regen
>receiver by Charles Kitchin, Analog Devices, and published in the
>AUGUST 18, 1994 issue of Electronic Design News (EDN) p. 98-99.

Bob Gobrick - VO1DRB/WA6ERB/VE2DRB - Newfoundland, Canada
QRPer Galore - ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP
Internet: rgobrick@public.compuserve.com
bgobrick@terra.nl.net
Compuserve: 70466.1405@compuserve.com

From qrp-1@lehigh.edu Wed Aug 9 19:31:00 1995
From: Bruce Robertson <brucerob@epas.utoronto.ca>
Subject: [2390] Re: Regenerative Rx
Message-ID: <Pine.3.89.9508082220.A26710-0100000@blues>

Regens are a neat topic. I for one would love to have a new design around that uses up-to-date components.

A while back my brother-in-law tried to make the one that is in W1AW's QRP Notebook. It was his first project and didn't work. I de-bugged a couple of things, but never got it working. It sorta

frustrates me because this was his first homebrew project, and I was sad to see it not work. My question thus is, has anyone built this receiver successfully?

The same brother-in-law is a tube and early radio nut, he's graduating around xmas, and I'm toying with the idea of building an old-style tube regen for him as a gift from me and my wife (his sister). I found a 1992 (?) QST article that describes such a project, but I've never built tube equipment. (Am I showing the shortness of my beard?)

It seemed that the author used a sort of point-to-point wiring method using the tube holders' tabs and such. If anyone has some pointers on tube project construction for silicon heads, I'd appreciate it. (Besides the obvious fact that B+ can kill you while 12v rarely can.) Please, *don't* re-post this to boat-anchors despite the fact that it belongs there more than it does here. My brother-in-law reads b-a avidly.

72, VE3UWL

Bruce G. Robertson Dept. of Classics, U. of T.

From qrp-1@lehigh.edu Wed Aug 9 19:31:00 1995

From: Mike Thomas <MTHOMAS@UGA.CC.UGA.EDU>

Subject: [2397] Re: Regenerative Rx

Message-ID: <950809.093936.EDT.MTHOMAS@UGA.CC.UGA.EDU>

There is also a plan for a regen RX in issue 82 of SPRAT. I just finished building it and in the process of "tweaking" the coils. You switch coils wound on torriods via a 3P3W switch and with this arrangement it is alleged you will be able to cover 160 - 10 meters. It uses one FET and 3 bipolars. I also made a few mods to the circuit to add a fine regen pot and a variable cap on the antenna input to peak the signal. The article did not have a circuit board so I came up a design for creating a board using finger nail polish as the etch resist. I may write up my experience building and include the board design for a future issue of SPRAT. I works good with a ten foot wire antenna.

Mike Thomas

University Computing & Networking Services
University of Georgia

From qrp-1@lehigh.edu Wed Aug 9 19:31:00 1995

From: w9sz@prairienet.org (Zack Widup)
Subject: [2391] Re: RTV alias Silicon Sealant
Message-ID: <9508090313.AA27524@prairienet.org>

>
>Gang,
>
>How embarassing. 30+ years a ham, am. extra, and I didn't know about
>corrosive RTV. Guess I got lucky all these years smearing it onto connectors
>and potting toroids. Guess I never actually got it on the bare wire. It
>always did taste terrible when I got it on my hands.

.....
>
>
>72
>Ed Manuel, N5EM
>n5em@aol.com
>

Me too! I've used quite a bit of the stuff on everything from copper-clad
PC boards to copper antenna wires, and have only seen one case of corrosion!

What about the stuff that smells like ammonia instead of acetic acid?
Does that corrode copper, etc. also?

72, Zack W9SZ

From qrp-l@lehigh.edu Wed Aug 9 19:31:00 1995
From: John Evans <jaevans@acatst01.cos.cst.titan.com>
Subject: [2421] Re: Sierra Discount Prices fr...
Message-ID: <199508092304.TAA40088@nss1.CC.Lehigh.EDU>

RE: Discount prices for the Sierra transceiver

#NOTE: The web page with the specs on the Sierra is:
<http://qrp.cc.nd.edu/QRP-L/catalog/sierra/sierra.html>

The great QRP-L web page is:
<http://qrp.cc.nd.edu/QRP-L/index.html>

>
> Hi John,

> No, I don't know the price, but I too am very interested in the Seirra.
> Please post your inquiry results to the group.
> 72,
> Preston WJ2V

The regular prices for the Sierra are as follows:

(cut from the QRP-L web page reference doc)

Wilderness Radio
P.O. Box 734
Los Altos, CA 94023-0734

#NOTE: Wilderness Radio, KD6VIO, Bob Dyer's phone number is
(415) 494-3806

The Sierra will be available in December, 1995. Wilderness Radio is taking orders now, and there is a discount on pre-paid orders received before September 1. The regular price for the complete kit is \$295 with 3 band modules, and \$369 with all 6 band modules. Contact Wilderness Radio for prices on other Sierra packages.

#NOTE: I just spoke with Bob about the discount prices and they are \$15 cheaper than the regular prices. Also, his discount has been extended until the end of September, i.e., before October 1. I did not ask if the delivery date was extended also &^).

72
john, n3qoo

John A. Evans Chief System Administrator
Office: (719) 528-1800 x164 Titan Client/Server Technologies
Fax: (719) 528-1275 1115 Elkton Dr, Suite 200
email: jaevans@cos.cst.titan.com Colorado Springs, CO 80907-3535

From qrp-l@lehigh.edu Wed Aug 9 19:31:00 1995
From: N5EM@aol.com
Subject: [2403] Re: Stainless Steel Antennas?
Message-ID: <950809114307_70006965@aol.com>

Mark,

Some of the local guys took out some stainless steel leader wire (deep sea fishing) and used it for a balloon born vertical long wire antenna at field day. They were VERY disappointed it in and have determined that it has much too high a resistance to be satisfactory. They will stick with copper clad steel (Copperweld) in the future, even though it is very hard to find in small diameters (necessary for the light weight a balloon can lift). I did not participate in this test, but the folks who did it are pretty good technical folks. I have respect for their work.

For your purposes, if you want strongl, use #18 guage copper clad steel, available from the Wireman. I bought 2,000 ft. of it for field day and the price was about \$ 0.05 per ft. In smaller quantities it will be a bit higher. I bought this stuff because it was the cheapest stuff I could find that was strong enough for long wire spans (330 ft. Vee Beam legs).

If stealth is your need, then the Wireman (and other places like Radio Adventures) sell a black clad highly flexible stranded copper wire in about # 26 guage. This stuff is near invisible and fairly strong, if the spans aren't too long. I don't have my catalog at work but this stuff is more like \$ 0.14 per ft.

For 20 meters (spans of about 33 ft.) and portable (easy to handle and coil up) I'd probably opt for the black clad, #26 wire. You could probably put your whole antenna (sans feedline) into a sandwich bag :-). If you use RG-174 feedline, you could probably get that into the sandwich bag as well. (I always think in backpacking terms)

Let us know what you decide on and how it works out.

72

Ed Manuel, N5EM
n5em@aol.com

From qrp-1@lehigh.edu Wed Aug 9 19:31:00 1995
From: JCoote@aol.com
Subject: [2415] Re: Stainless Steel Antennas?
Message-ID: <950809143617_51326344@aol.com>

I *think* stainless wire should work fine. It's been done before, and antenna wire certainly does not have to be varnished copper or copperweld to work. The hard part will be connecting the feeder to the ss wire. I don't think you can solder the stuff. I suggest using some kind of clamps.... maybe chassis solder lugs and screws?

72, Jay
WB6AAM

From qrp-1@lehigh.edu Wed Aug 9 19:31:00 1995
From: "David D. Meacham" <ddm@datatamers.com>
Subject: [2418] Re: Stainless Steel Antennas?
Message-ID: <Pine.LNX.3.91.950809121931.9851B-100000@dt1.datatamers.com>

Mark,
Any kind of steel is lossy at RF. Stainless is OK for whips where you have to have strength and spring ability. Avoid it when you can use copper or copper-clad steel ("Copperweld").
72, Dave, W6EMD

On Wed, 9 Aug 1995 MSADAMS@ubvms.cc.buffalo.edu wrote:

> I am ready to use my new MFJ 9420 SSB rig at my two favorite portable
> locations and need to make an antenna. I have decided on phased sloping
> dipoles (from hintsw and kinks about 12 years ago).
>
> I have on hand many hundred feet of 304 stainless steel wire of about
> 050 diameter. It looks like it will make nice light portable antennas.
> BUT, do I have to use a velocity other than .96? Will the small diameter
> cause problems with small bandwidth at 14.2 MHz? Will the copper in the
> coax solder to the SS wire OK?
>
> Any help will be appreciated.
>
> 72, Mark Adams
>
>

From qrp-1@lehigh.edu Wed Aug 9 19:31:00 1995
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [2399] Re: tar and feathers
Message-ID: <199508091459.JAA10307@chuck.dallas.sgi.com>

Mike,

I was up and down the band for 10.102 for the DX to 10.120MHz
for the rest and mostly around 10.111 to 10.117 was the best
"feeding" ground. Band was open til past midnight local,

probably due to the nearly full moon. :-)

One of the things that I have noticed most of my life and have posted over a year ago is that some of the best shots at DX are during the transition phase that a band goes through as it is "closing", i.e. propagation is decreasing and the band becomes a dummy load. I was able to work DX and stations only 200 to 300 miles away within a 15 min time period.

Thanks for asking.

dit dit

--

Chuck Adams K5FO CP-60 adams@sgi.com